Amendments to the Claims:

This listing of claims replaces all prior versions of the claims in the present application:

Listing of Claims:

1. (Currently Amended) A method for integrating messaging functionality into database operations on a computer system, the method comprising:

(a) providing one or more chosen functions ~~from a messaging system~~ in a database system, the one or more functions provided by a messaging system, further comprising

(a1) adding the one or more functions as user-defined functions in the database system wherein the user-defined functions comprise one or more of functions to: place a message on a queue of the messaging system, retrieve at least one message from the queue, non-destructively retrieve all messages from the queue, and read at least one message from the queue, the user-defined functions specifying a service endpoint, a destination, and a delivery policy, and

(a2) providing the one or more functions from a publish and subscribe-based messaging system; and

(b) utilizing one or more chosen functions from the database system within structured query language statements to access the messaging system from the database system, wherein the messaging system is a separate application from the database system.

2-18. (Cancelled)